

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM,  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9123  
name Diamond Shamrock Exploration Company  
address P.O. Box 400  
City State Zip Amarillo, TX 79188-0001

Operator Contact Person Todd Lovett  
Phone 806 378 3848

Contractor: license # 5422  
name Abercrombie Drilling Company

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

RECEIVED  
STATE CORPORATION COMMISSION  
7-1-85  
JUL 01 1985  
CONSERVATION DIVISION  
Wichita, Kansas

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
4-29-85... 5-08-85... 6-14-85  
Spud Date Date Reached TD Completion Date  
4119'...  
Total Depth PBD  
Amount of Surface Pipe Set and Cemented at 323 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from SURF feet depth to 323 w/ 250 SX cmt

API NO. 15-179-20,812-0000  
County Sheridan  
NE NE NW Sec 11 Twp 10S Rge 26  
4930 Ft North from Southeast Corner of Section  
3160 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

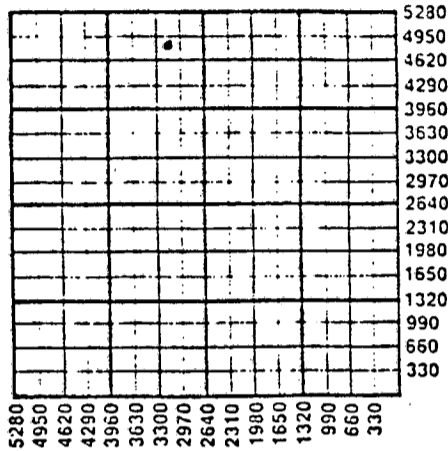
Lease Name Wilbur Bittel Well# #1

Field Name N/A

Producing Formation

Elevation: Ground 2561' KB 2566'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and  
(Well) Ft West From Southeast Corner of  
Sec Twp Rge East West  
 Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge East West  
 Other (explain)  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Todd Lovett  
Title Drilling Engineer Date 6-26-85  
Subscribed and sworn to before me this 26 day of June 19 85  
Notary Public Patti Jones  
Date Commission Expires 5-06-85

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Form ACO-1  
(This form supercedes  
previous forms  
ACO-1 & C-10)

Sec. 11, Twp. 10, Rge. 26

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1: 3840-3862' 15/30/15/30 IHP 1989, IFP 51/51, FFP 51/51. SIP 102/561. DP rec'y 2' oil cut mud. FHP 1927

DST #2 3861-3880' 30/60/30/60, IHP 1938, IFP 51/71, FFP 61/71 SIP 868/745. D.P rec'y 70' water cut mud. FHP 1917

DST #3 3890-3915' 30/60/30/60, IFP 51/102, ISID 1063. FFP 132/173, FSIP 1043. D.P. Rec'y 15' free oil, 80' oil spotted mud 180' oil spotted muddy water.

DST #4 3945-3979' 30/60/15/60 IFP 40/40, ISIP 971, FFP 51/51, FSIP 1002. DP Rec'y 5' oil specked mud.

DST #5. 3978-4020' 30/60/15/60, IHP 2010, IFP 61/71, FFP 61/71, SIP 91/91 FHP 1979. DP Rec'y, 5' oil cut mud.

DST #6 4016-4040' 30/60/15/60, 1st open weak blow, 1/2" from top of bucket. FP 71/71, SIP 102, 2nd open no blow. FP 71/71, SIP 132. Rec 40' oil spotted mud. Sampler rec 2000' cc mud @ 50 psi.

Name	Top	Bottom
Anhydrite	2200	
Topeka	3580	
Hubner	3793	
Toronto	3815	
Lansing	3830	
B/KC	4064	

**CASING RECORD**  new  used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surf Prod	12 1/4	8 5/8	24	323	A	250	3% cc, .2% gel
	9 5/8	4 1/2	9.5	4119	EA-2	250	

**PERFORATION RECORD**

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
4 spf	4052-4054' Set CIBP @ 4045'	800 gals 15% acid	4052-54
4 spf	4026-4030' Set CIBP @ 4000'	800 gals 15% NE acid	4026-30
4 spf	3984-3968' Set CIBP @ 3950'	800 gals 15% NE acid	3984-68
4 spf	3908-3910' Set CIBP @ 3880	500 gals 15% mud acid	3908-10
4 spf	3823-3826' Set CIBP @ 3800	500 gals 15% acid	3823-26
4 spf	3747-3752' Sq w/50. sx. 50/50. Poz.	none	3747-52

**TUBING RECORD**

size set at packer at Liner Run  Yes  No

Date of First Production Producing method  flowing  pumping  gas lift  Other (explain)

Estimated Production Per 24 Hours

Oil	Gas	Water	Gas-Oil Ratio	Gravity
Bbls	MCF	Bbls		

Disposition of gas:  vented  sold  used on lease

**METHOD OF COMPLETION**

open hole  perforation  other (specify)

Dually Completed.  Commingled

**PRODUCTION INTERVAL**

